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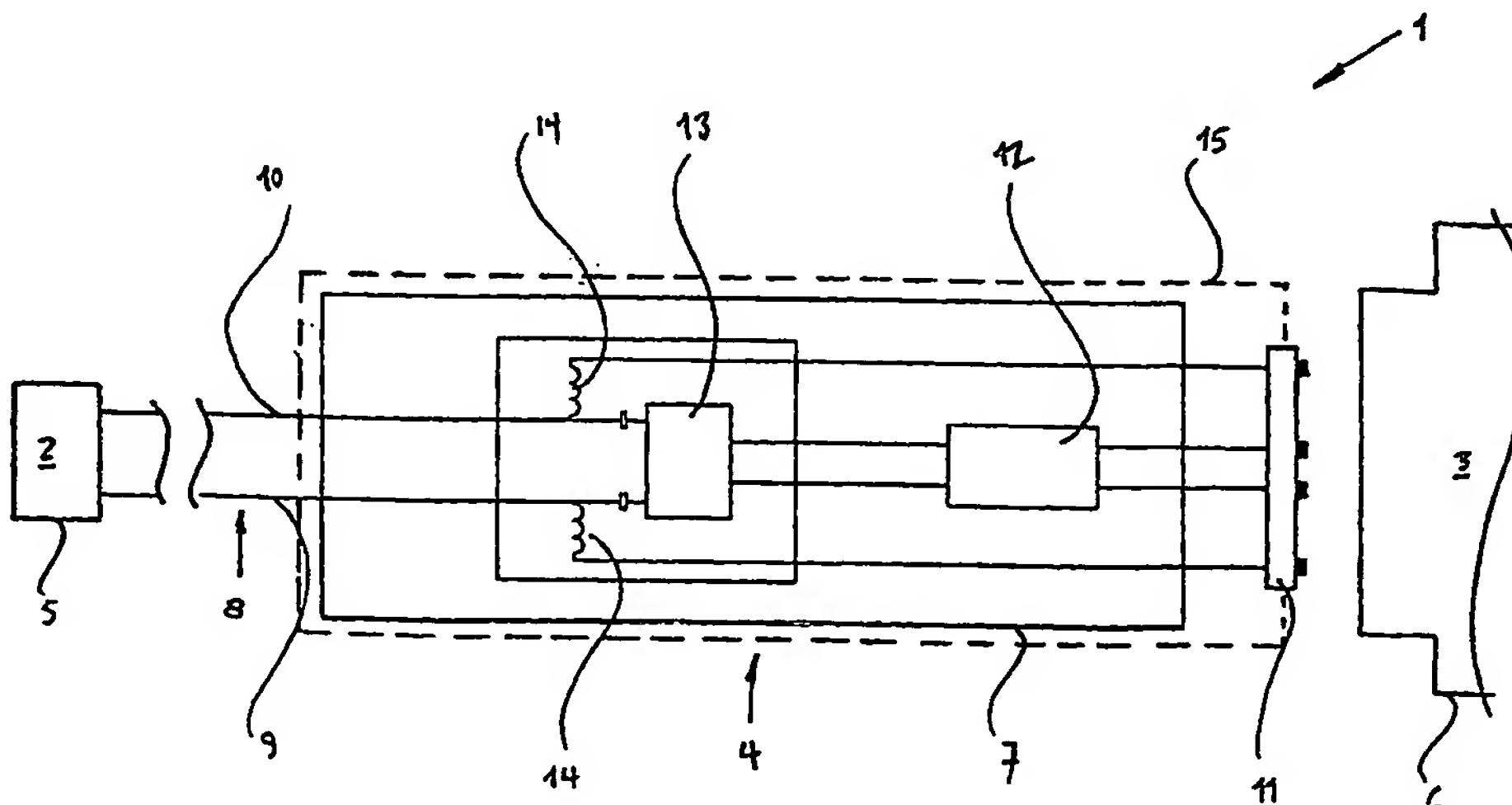
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[Continued on next page]

(54) Title: COMMUNICATION SYSTEM, CONVERTER FOR USE THEREIN AND METHOD OF SIGNALLING



WO 2004/088911 A2

(57) Abstract: A communication system comprises first and second devices (2,3) having respective housings (5,6); a data transmission line (8) for transmitting data between the devices in a reflective signalling format; and conversion means (4) connectable to the line externally of the housings (5,6) for converting data between a reflective signalling format and another format. A method of signalling between first and second devices (2,3) linked by a transmission line (8) and of sensing a security violation of the line (8) comprises the steps of (a) transmitting a signal from the first device to the second device, reflecting the signal back to the first device in a manner corresponding to a first bit sequence, receiving the signal thus reflected at the first device, and comparing this signal with the transmitted signal to determine whether there has been a security violation of the line and to extract the first bit sequence.



GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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